## **PCT**

## WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup>: G06F 1/00, 12/14

**A3** 

(11) International Publication Number:

WO 96/24092

(43) International Publication Date:

8 August 1996 (08.08.96)

(21) International Application Number:

PCT/SE96/00115

(22) International Filing Date:

1 February 1996 (01.02.96)

(30) Priority Data:

9500355-4

1 February 1995 (01.02.95)

SE

(71)(72) Applicant and Inventor: BENSON, Greg [US/SE]; Dalbackavägen 3, S-240 10 Dalby (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): URICH, Gregory, H. [US/SE]; Warholmsvägen 8 B, S-224 65 Lund (SE).

(74) Agent: AWAPATENT AB; P.O. Box 5117, S-200 71 Malmö (SE).

(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AZ, BY, KG, KZ, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

#### **Published**

With international search report.

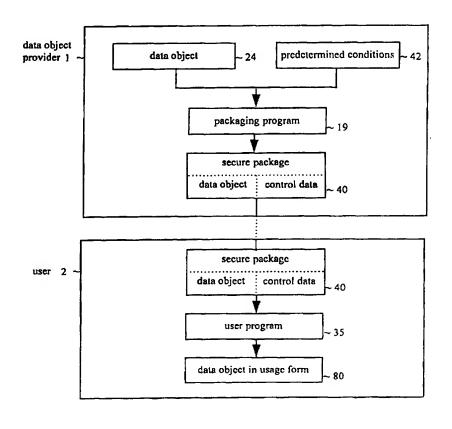
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(88) Date of publication of the international search report: 17 October 1996 (17.10.96)

(54) Title: A METHOD AND SYSTEM FOR MANAGING A DATA OBJECT SO AS TO COMPLY WITH PREDETERMINED CONDITIONS FOR USAGE

#### (57) Abstract

The present invention relates to a method and a system for managing a data object so as to comply with predetermined conditions for usage of the data object. To control the usage of the data object, a set of control data, defining usages of the data object which comply with the predetermined conditions, is created for the data object. The data object is concatenated with the user set of control data, encrypted and transferred to the user. When the user wants to use the data object, a special user program checks whether the usage complies with the control data. If so, the usage is enabled. Otherwise it is disabled.



## FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AM	Armenia	GB	United Kingdom	MW	Malawi
AT	Austria	GE	Georgia	MX	Mexico
AU	Australia	GN	Guinea	NE	Niger
BB	Barbados	GR	Greece	NL	Netherlands
BE	Belgium	HU	Hungary	NO	Norway
BF	Burkina Faso	ΙE	Ireland	NZ	New Zealand
BG	Bulgaria	IT	Italy	PL	Poland
BJ	Benin	JP	Japan	PT	Portugal
BR	Brazil	KE	Kenya	RO	Romania
BY	Belarus	KG	Kyrgystan	RU	Russian Federation
CA	Canada	KP	Democratic People's Republic	SD	Sudan
CF	Central African Republic		of Korea	SE	Sweden
CG	Congo	KR	Republic of Korea	SG	Singapore
СН	Switzerland	KZ	Kazakhstan	SI	Slovenia
CI	Côte d'Ivoire	LI	Liechtenstein	SK	Slovakia
CM	Cameroon	LK	Sri Lanka	SN	Senegal
CN	China	LR	Liberia	SZ	Swaziland
CS	Czechoslovakia	LT	Lithuania	TD	Chad
CZ	Czech Republic	LU	Luxembourg	TG	Togo
DE	Germany	LV	Latvia	TJ	Tajikistan
DK	Denmark	MC	Monaco	TT	Trinidad and Tobago
EE	Estonia	MD	Republic of Moldova	UA	Ukraine
ES	Spain	MG	Madagascar	UG	Uganda
FI	Finland	ML	Mali	US	United States of America
FR	France	MN	Mongolia	UZ	Uzbekistan
GA	Gabon	MR	Mauritania	VN	Viet Nam

## INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 96/00115

## A. CLASSIFICATION OF SUBJECT MATTER

IPC6: G06F 1/00, G06F 12/14
According to International Patent Classification (IPC) or to both national classification and IPC

### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

#### IPC6: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

### SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 5375240 A (GREGORY GRUNDY), 20 December 1994 (20.12.94), column 7, line 24 - column 10, line 46	1,2,7,13,14,
	16
	6,8,10,23,24
EP 0367700 A2 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 9 May 1990 (09.05.90), column 3, line 10 - column 6, line 59	1,22
	16
	2,4,6,7,10, 13,14,25
<del></del>	
	US 5375240 A (GREGORY GRUNDY), 20 December 1994 (20.12.94), column 7, line 24 - column 10, line 46   EP 0367700 A2 (INTERNATIONAL BUSINESS MACHINES CORPORATION), 9 May 1990 (09.05.90), column 3,

"T" later document published after the international filing date or prior date and not in conflict with the application but cited to understand the principle or theory underlying the invention.  "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.  "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combinate being obvious to a person skilled in the art.
"&" document member of the same patent family  Date of mailing of the international search report  2 6 -08- 1996
Authorized officer
Bo Gustaysson

Telephone No. + 46 8 782 25 00

Facsimile No. + 46 8 666 02 86

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 96/00115

		C1/3L 30/00113
C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·
Category*	Citation of document, with indication, where appropriate, of the relevan	nt passages Relevant to claim No.
х	US 5103476 A (DAVID P. WAITE ET AL), 7 April 19 (07.04.92), claim 1	92 16,25
A		1,6-8,10,13, 14,22
	<del></del>	
X	US 5222134 A (DAVID P. WAITE ET AL), 22 June 19 (22.06.93), column 3, line 43 - column 8, l	93 16,25 ine 2
A		1,6-8,10,13, 14,22
A	US 5319705 A (BERNARD J. HALTER ET AL), 7 June 1994 (07.06.94), see whole document	1,2,6,7,10, 13,14,16,22, 23,25
,		
	SA/210 (continuation of second sheet) (July 1992)	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/96

International application No.
PCT/SE 96/00115

Patent document cited in search report		Publication date	Patent family member(s)		Publication date	
US-A-	5375240	20/12/94	US-A-	5291598	01/03/94	
EP-A2-	0367700	09/05/90	DE-D- JP-A- JP-B- US-A-	68926606 2135938 6048809 4953209	00/00/00 24/05/90 22/06/94 28/08/90	
US-A-	5103476	07/04/92	CA-A- EP-A- JP-T- JP-B- US-A- WO-A-	2095723 0556305 6501120 7089345 5222134 9209160	08/05/92 25/08/93 27/01/94 27/09/95 22/06/93 29/05/92	
US-A-	5222134	22/06/93	CA-A- EP-A- JP-T- JP-B- WO-A- US-A-	2095723 0556305 6501120 7089345 9209160 5103476	08/05/92 25/08/93 27/01/94 27/09/95 29/05/92 07/04/92	
US-A-	5319705	07/06/94	JP-A-	7093148	07/04/95	